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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/657,457	09/07/2000	Hisao Furukawa	2000 1216	3883

7590 12/05/2005

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EXAMINER

VU, VIET DUY

ART UNIT	PAPER NUMBER
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2154

DATE MAILED: 12/05/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 09/657,457	<b>Applicant(s)</b> FURUKAWA ET AL.	
	<b>Examiner</b> Viet Vu	<b>Art Unit</b> 2154	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 25 October 2005.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-404 is/are pending in the application.
- 4a) Of the above claim(s) See Continuation Sheet is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) See Continuation Sheet is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☒ Claim(s) 28-88, 95-121, 152-169, 187-193, 197-200, 209-219, 231-233, 238-241, 246-273, 280-281, 283-284, 306-321, 332-333, 338-350, 359-404 are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>7/02, 2/01, 1/01, 10/00, 9/00</u> | 6) <input type="checkbox"/> Other: _____  |

Continuation of Disposition of Claims: Claims withdrawn from consideration are 28-88,95-121,152-169,187-193,197-200,209-219,231-233,238-241,246-273,280,281,283,284,306-321,332,333,338-350 and 359-404.

Continuation of Disposition of Claims: Claims rejected are 1-27,89-94,122-151,170-186,194-196,201-208,220-230,234-237,242-245,274-279,282,285-305,322-331,334-337 and 351-358.

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1. Applicant's election of invention group I, claims 1-27, 89-94, 122-151, 170-186, 194-196, 201-208, 220-230, 234-237, 242-245, 274-279, 282, 285-305, 322-331, 334-337 and 351-358, is hereby acknowledged. Applicant is required to cancel non-elected claims in the next correspondence.

**Art Rejections:**

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

4. Claims 1-27, 89-94, 122-151, 170-186, 194-196, 201-208, 220-230, 234-237, 242-245, 274-279, 282, 285-305, 322-331, 334-

337 and 351-358 are rejected under 35 U.S.C. 103(a) as being unpatentable over Civanlar et al, U.S. pat. No. 5,737,333.

Per claims 1-23 and 89-90, Civanlar discloses an integrated information communication system comprising:

a) an access control apparatus (101, 103, fig. 1) operable to receive as an input an external user frame (e.g., telephone number, IP frame), and to convert the external user frame into an internal network frame (e.g., ATM or X.25 frame), having an network address (e.g., MAC address) in the internal network address system in said access control apparatus, wherein the internal network address system is separate from the external user address system (see col 3, line 38 - col 4, line 35 and col 9, lines 15-42);

b) at least one relay apparatus operable to transfer the internal network frame within the internal network according to rules of the internal network address system, and operable to determine a destination of the internal network frame based on the network address of the internal network frame wherein the internal network comprises one or more networks (see col 10, lines 1-11); and

c) a destination access control apparatus (101, 103, fig. 1) operable to receive and process the internal network frame and

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to send the user frame to the external information communication apparatus (e.g., destination terminal) (see step 257, fig. 3).

Civanlar also teaches providing an address conversion table and/or an address database server for use by the destination access control apparatus for performing address conversion (see col 10, lines 31-39). Civanlar does not explicitly teach restoring the user frame (e.g., IP frame) from the internal network frame (e.g., ATM frame).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to utilize such frame restoration processing steps in Civanlar because it would have enabled practicing Civanlar's invention (see col 10, lines 31-39).

It would have been further obvious to one of ordinary skill in the art at the time the invention was made to practice Civanlar's invention with any known network protocols including RFC 791 and RFC 1883 (see col 4, lines 29-35).

Per claims 24-27, it is noted that the use of priority data for routing packets in network (e.g. frame-relay network) is well known in the art.

Per claims 91-94, Civanlar teaches providing an IP telephone terminal for receiving and transmitting digitized voice data (see col 3, lines 26-36). Civanlar does not show

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detailed components for processing and transmitting digitized voice data. An official notice is taken that such components including voice input/output unit and encryption unit are well known in the art. It would have been obvious to one of ordinary skill in the art at the time the invention was made to utilize such known components in Civanlar because it would have enabled practicing Civanlar's invention.

Claims 122-151, 170-186, 194-196, 201-208, 220-230, 234-237, 242-245, 274-279, 282, 285-305, 322-331, 334-337 and 351-358 are similar in scope than that of claims 1-27 and 89-94.

**Conclusion:**

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Viet Vu whose telephone number is 571-272-3977. The examiner can normally be reached on Monday through Friday from 7:00am to 4:00pm. The Group general information number is 571-272-2100. The Group fax number is 571-273-8300.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Follansbee, can be reached on 571-272-3964.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>.

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Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



VIET D. VU  
PRIMARY EXAMINER

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11/29/05